

Date: Thu, 7 Jan 93 16:06:20 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #34
To: Info-Hams

Info-Hams Digest Thu, 7 Jan 93 Volume 93 : Issue 34

Today's Topics:

Anybody want to talk about Clover?

County Hunter reports

CTCSS

FT5200

HAMFEST

HI & UT Skeds Requested...

KH5K ... Can we get 'em?

License delays

Morality vs. THE LAW

On private repeaters

Periphex :-0

QSL cards from SWLers (was Re: Ham transmissions-a hypothetical

RFI susceptibility of new cars?

Ringo Ranger II performance

WWV Phone number?

Yaesu FT-5100 Help

Yaesu FT 890AT HF Radio

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>

Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>

Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 7 Jan 1993 23:19:44 GMT
From: sdd.hp.com!zaphod.mps.ohio-state.edu!darwin.sura.net!spool.mu.edu!agate!
darkstar.UCSC.EDU!cats.ucsc.edu!haynes@network.UCSD.EDU
Subject: Anybody want to talk about Clover?
To: info-hams@ucsd.edu

And does that belong here, or should it go to the packet newsgroup?

--

haynes@cats.ucsc.edu

haynes@cats.bitnet

"Ya can talk all ya wanna, but it's dif'rent than it was!"

"No it aint! But ya gotta know the territory!"

Meredith Willson: "The Music Man"

Date: Thu, 7 Jan 1993 18:40:37 GMT

From: infonode!ingr!msdhsv!monty.b17b.ingr.com!greg@uunet.uu.net

Subject: County Hunter reports

To: info-hams@ucsd.edu

In article <1ifjbpINNt83@master.cs.rose-hulman.edu>, derry@NeXTwork.Rose-Hulman.Edu (John Derry) writes:

|>

|> Could someone post the reports that county hunters use? I've heard
|> "threes" and such and would like to know what reports they use and what
|> they mean.

|>

|> tnx es 73 de Jack, K9CUN (County: VIGO, State: IN)

County Hunting Operating Standards

We use the standard RST system. Unlike the DX standard, where everyone is 59, in county hunting we strive to give reasonably accurate reports.

When you hear "threes" it would be a slang for R3, S3. Each station always repeats back the report they received, for verification by the other station or a third party (net control, et. al.)

A typical exchange on the County Hunter's Net (at 14.336 Mhz) might be:

AC4WF: "This is AC4WF mobile, county line of Madison and Jackson in Alabama.
QRZ?"

N5FSW: "N5FSW" (Call just once, always use your full call.)

AC4WF: "N5FSW, You're four, four, forty four."

N5FSW: "Roger forty four, you are three three, three three, go."

AC4WF: "Got the triplets, QRZ?"

According to the USA All Counties Award rules (sponsored by CQ Magazine),

the minimum acceptable report is a 22. The signal report is the key determinant of a valid contact, and must be received directly. Help on the call is allowed.

You might also hear, or have heard other slang terms for common signal reports:

For 2x2: "Two two", "Twenty two" or "pair of twos" are accepted.
Hopefully you will no longer hear "Bang, Bang" or "Rifle-shot"
These are outlawed! But under very marginal (ie 22 conditions)
the words "bang bang" do cut thru the noise much better.

For weak conditions, the preferred way is to count it out,
repeating a few times: "One, two; one two; twenty two, over."

For 3x3: "Thirty three", "triplets", or a "pair of threes".

For 4x4: "Forty four", "magnum" or "pair of fours".

for 5x5: "Fifty five", "speed limit" or "pair of fives".

for 5x7: no common slang in use.

for 5x9: "Fifty Nine", "Five Niner" or "Maximum".

BTW Jack,

Vermillion County, Indiana, just north of you, is the last one I need in
Indiana, last one in 9-Land and one of my last 15 for all 3076. If you
can get mobile over there on 14Mhz or maybe on 7Mhz, let me know by email.

73

Greg AC4WF (ex N5FSW)

--

Gregory Montllor Mapping Sciences / System Integration & Implementation
mailstop IW17B4 Intergraph Corp. Huntsville, Alabama 35894-0001
(205) 730-7249 greg@monty.b17b.ingr.com or ingr!b17b!monty!greg

Date: Thu, 7 Jan 93 18:32:58 GMT
From: tijc02!eri316@uunet.uu.net
Subject: CTCSS
To: info-hams@ucsd.edu

All this discussion of closed vs open repeaters and CTCSS (which seems
such an attractive solution) brings up the question:

If two stations transmit at the same time on the input of a repeater,
one with the CTCSS which the repeater uses and one without, what comes out
of the repeater transmitter?

If the CTCSS signal is stronger, he comes through. Otherwise, nothing. Right?

Ed Ingraham, WX4S
Siemens Industrial Automation, Inc.
Johnson City, Tennessee
tijc02!eri316@uunet.uu.net

Date: 7 Jan 93 20:29:06 GMT
From: utcsri!torn!spool.mu.edu!umn.edu!csus.edu!nic.csu.net!koko.csustan.edu!rat!
zeus!lkawamot@RUTGERS.EDU
Subject: FT5200
To: info-hams@ucsd.edu

Hi to all! I recently bought a Yaesu FT5200 dual-band mobile and
I was wondering if there are any mods out there for it. If anyone
has info or can send me a copy of mods for the thing, please e-mail
me at lkawamot@polyslo.calpoly.edu. Thanx in advance and 73's!

--

=====

lkawamot@polyslo.calpoly.edu /	\ Len Kawamoto, N6TQL
lkawamot@athena.calpoly.edu /	\ W6BHZ Cal Poly ARC
=====001100110100=====	\ Freelancers 1992

Date: 7 Jan 93 19:38:46 GMT
From: news-mail-gateway@ucsd.edu
Subject: HAMFEST
To: info-hams@ucsd.edu

HAMFEST : SATURDAY, JANUARY 16TH 1993
UNIVERSITY CENTER (COLUMBUS DRIVE)
SOUTHEASTERN LOUISIANA UNIVERSITY CAMPUS
HAMMOND, LOUISIANA

The Southeast Louisiana Amateur Radio Club Hamfest is FREE and offers swap
tables, meetings and dealer exhibits of new ham gear. VE test sessions and
amateur radio forums are also scheduled. The one-day fest opens at 9:00am
and closes at 3:30pm. Chairman: E. Bush, N5NIB, 331 Rock Road, Hammond, LA
70401 (504-567-1261). Exit at Hammond from I-55 or I-12 and follow signs
or talk-in on 147.000 (-600).

73, WB5FBS

```
*-----*
| Robert G. Priez                                Internet:BOBPRIEZ@SELU.EDU|
| P.O. Box 683, SLU                               BitNet:BOBPRIEZ@SLU   |
| Hammond, LA 70402                             Fax:504-549-5557      |
|                                                Office:504-549-2184  |
|      **Old musicians never die, they just diminuendo.....**      |
*-----*
```

Date: 7 Jan 93 18:56:45 GMT
From: ub!oswego!oswego.Oswego.edu!kinne@RUTGERS.EDU
Subject: HI & UT Skeds Requested...
To: info-hams@ucsd.edu

Hello Folks:

I am trying to get my Worked All States and have been working on it for quite some time. The only states I have yet to contact and confirm are HI and UT. I am wondering if the Net could be of some help. My "hurry" is that there is a chance that I may be moving in about four weeks and if I cannot contact and confirm these last two states before I move I will, of course, have to start the whole process all over again.

Are there any hams in UT and HI who would like to help me? I would really appreciate it. If so, please contact me via return email. We can then set up a sked to try a contact. I originally tried this with a station from WV and it worked out great. While I would prefer the contact be in SSB I am very willing to try CW, RTTY, and ASCII.

I am an Advanced Class licensee currently living in Central New York State. I have 100 watts going into a G5RV antenna layed out along the roof of my 3rd floor, 275 year old flat (the phone wiring was laid before Grahm Bell was a boy and the building's electrical system doesn't know the meaning of the word "ground.").

I would appreciate any help the Net can give me and look forward to any and all responses that are sent. Thanks much!

Doc Kinne, N2IKR
kinnerc@snymorva.BITNET

Date: 7 Jan 93 21:36:22 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!gatech!emory!

ncratl!ncrhub2!ncrc1m!tskelton@network.UCSD.EDU
Subject: KH5K ... Can we get 'em?
To: info-hams@ucsd.edu

In article <milewski-060193082452@fp2-st-affairs-3.uoregon.edu>
milewski@oregon.uoregon.edu (Steve Milewski) writes:

stuff deleted...>

>The posting says that since KH5K is the 4th most wanted country in Europe,
>this operation will "focus" on working Europeans. Does anyone in the know
>have any info as to how long and when the operation will operate so that we
>statesiders can work them too?

>

The path from that part of the Pacific to Europe has limited openings
each day. Thus, the expedition will try to work those areas when the
bands are open and they should be congratulated for it. Thank God
Romeo at P5RS7 called *CQ USA* and *CQ NA* or I might have never
gotten through.

>Just because all big guns have already worked KH5K doesn't mean we little
>guys need it any less.

>

>Thanks,

>Steve/ AA7FL

Steve, you shouldn't have any problem at all. The expedition will

probably only be able to focus on Europe and Africa for 3 to 4 hours
per day, particularly the way the sunspots have been dropping off
lately. By the way, be careful of which station you log. The
Palmyra and Kingman Reef stations will be on the air simultaneously.
Good luck to you! I need them both on 80 meters, so I'll be trying to
get through the *Midwest Curtain* to work them. 73, Tom WB4IUX (in S. C.)

--

Date: 7 Jan 93 21:31:45 GMT
From: news-mail-gateway@ucsd.edu
Subject: License delays
To: info-hams@ucsd.edu

"NewsLine" reports this week the info that I posted before Christmas:

the FCC says its delay is at least 90days now. Plus VE and VEC delays
you can say at least 120days from exam to issue. The also ask you not
to call the FCC until at least 90days has passed and even then they

won't be able to tell you anything unless you call after you've been
enetered in the database.

Check you mailbox every Saturday morning!

72/73 Kevin, N7WIM / G8UDP
a-kevinp@microsoft.com

Date: Thu, 7 Jan 1993 20:01:45 GMT
From: swrinde!zaphod.mps.ohio-state.edu!pacific.mps.ohio-state.edu!linac!att!
cbnewsk!cbnewsj!att-out!cbfsb!cbnewsb.cb.att.com!feg@network.UCSD.EDU
Subject: Morality vs. THE LAW
To: info-hams@ucsd.edu

In article <1993Jan07.183938.8340@eng.umd.edu> chuck@eng.umd.edu (Chuck Harris -
WA3UQV) writes:

>
>We would much rather that these closed "vanity" repeaters be on shared
>frequency pairs, so as to free up space for other more effective public uses.
>
>>there are ASSHOLES. I personally would like to be remembered as a nice
>
>Remember! Nice people don't call other people "assholes".
>

Have you a more discreet appellation to suggest which conveys
the same measure of disdain? (;-)

Forrest Gehrke feg@dodger.att.com k2bt

>73,
>
>Chuck Harris - WA3UQV
>chuck@eng.umd.edu
>

Date: Thu, 7 Jan 1993 22:54:47 GMT
From: swrinde!zaphod.mps.ohio-state.edu!pacific.mps.ohio-state.edu!linac!att!att!
allegra!rfc@network.UCSD.EDU
Subject: On private repeaters
To: info-hams@ucsd.edu

In article <1993Jan7.170532.19294@linus.mitre.org> m14494@mwvm.mitre.org (Mike
White) writes:

>This subject surfaces every few years, and becomes a Big Issue for
>a while. Here's my \$ 2e-2 worth:

>

If an operator wants to have a private
>repeater, that's fine with me; I certainly have no right to use his
>repeater against his will. In that case, however, I feel he has
>abrogated his end of the gentleman's agreement, and I am free to
>use the repeater frequencies for my own purposes, subject only
>to the rules and customs about interference; in other words, when
>the closed repeater is not actually on the air, the freqs are fair game.
>If I'm using the freq, in my opinion the closed repeater users have
>to wait till I'm done before they key up; they have no right to
>ask me to reserve the frequency for their exclusive use.
>Mike, N4PDY

I suspect that the above argument might have merit *if* the rest of the
band is, at the time you wanted to operate, so jam packed that you can't
find an open frequency to use. That's rarely the case, and you probably
should operate on a frequency that is not the input to someone's machine
if you don't intend to use, with permission, that machine. There are
simplex subbands for non-repeater voice operations. And usually not
all occupied at all times.

I would think that proper (and FCC rules say something to this effect?)
operation would dictate using empty simplex channels for simplex
operations. And not play frequency lawyer and be a pain in the

Date: 7 Jan 93 21:24:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: Periphex :-0
To: info-hams@ucsd.edu

>>>Needless to say, I will never purchase another (Periphex HT battery) and
>>>recommend the same to you.

>> My experience with Periphex was just as disappointing as yours. We needed
>Oh well, I've purchased several Icom inserts as well as new batteries from
>Periphex and have never had a problem. I'll continue to buy all my new
>batteries from them.

If I had never had a problem, I'd still be a customer. However, the problem
was with 'Customer Dis-Service', which you claimed never having to deal
with. I was letting them know they had a quality problem. They told me
someone else did it. I wanted nothing except an acknowledgement of my
findings. The companies I respect the most are the companies with highest
regard for customer satisfaction. My list starts with Mercedes-Benz North
America and ends with Periphex. (Yes, I'm on my third Mercedes.)

73 de Skip, NT1G

ps The battery (BP-85S) is still fine. It runs both my HT and qrp rig.

Date: 7 Jan 93 21:14:43 GMT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!yale.edu!

qt.cs.utexas.edu!cs.utexas.edu!swrinde!emory!ncratl!ncrhub2!ncrc1m!

tskelton@network.UCSD.EDU

Subject: QSL cards from SWLers (was Re: Ham transmissions-a hypothetical

To: info-hams@ucsd.edu

situation)

Summary:

Expires:

References: <1993Jan5.085312.22208@ringer.cs.utsa.edu>

<1993Jan5.161735.17871@ke4zv.uucp> <1icp0aINNmiv@transfer.stratus.com>

Sender:

Reply-To: tskelton@ncrc1m.ClemsonSC.NCR.COM (Tom Skelton)

Followup-To:

Distribution: world

Organization: NCR E&M CLEMSON Liberty, SC

Keywords:

In article <1icp0aINNmiv@transfer.stratus.com> fms@sw.stratus.com (Faith Senie) writes:

>In article <1993Jan5.161735.17871@ke4zv.uucp>, gary@ke4zv.uucp (Gary Coffman) writes:

>> In article <1993Jan5.085312.22208@ringer.cs.utsa.edu>

sbooth@lonestar.utsa.edu

>>(Simon E. Booth) writes:

>>

>> [...]

>>

>> >Which takes me to another more unusual question:

>> >Have amateur operators ever receiver reception reports from regular

>> >shortwave listeners?

>>

>> Sure. It's less common today than when we were operating AM, but it

>> still happens from time to time. Most hams who QSL, not all do, will

>> reply to a SWL card.

>>

>

>What does one reply to a SWL card? I got one recently, and didn't realize

>that some sort of reply was appreciated. Just a note saying thanks? or is

>there something more that should be done? I'd hate to leave the guy hanging

>if he's expecting some sort of reply...

>

>73 de Faith N1JIT

>
rest deleted...

Yes, please reply to SWL cards. In the past, Eastern European hams couldn't get a ham license (to the best of my knowledge) until they had collected a certain number of ham QSL's.

There are many ways to reply to an SWL card, but here is how I do it. Above the block containing QSO information, I write: To SWL xx99xx Then, under *confirming QSO* I write *confirming my contact with BY1PK* (or whatever station the SWL heard you work). I then fill out the date, time and band. I put an * X * in the RS(T) box and then fill in the mode.

Please take the time to try to reply to these SWLs. You can never tell when one might get licensed and activate the last few countries you need! (Like Romeo Stepanenko UB5JRR did for lots of us)

73, Tom WB4IUX

--

Date: 7 Jan 93 19:58:52 GMT

From: usc!howland.reston.ans.net!zaphod.mps.ohio-state.edu!cs.utexas.edu!torn!
nott!bnrgate!bcars267!bnr-rsc!nmerh97!everett@network.UCSD.EDU

Subject: RFI susceptibility of new cars?

To: info-hams@ucsd.edu

My RFI susceptibility is so bad I took the rig out of my GM car....Read on!!

In article <1993Jan03.232623.4498@uhura.neoucom.edu>, wtm@uhura.neoucom.edu (Bill Mayhew) writes:

|> Automobile manufactures subject their cars and trucks to rather
|> extensive EMI/EMC testing. Over the last several years GM
|> engineers have had a display at the Dayton Hamvention on proper
|> installation of mobile radio transmitters. Due to the dangers of
|> litigation in the face of equipment failure to RFI, auto
|> manufactures have to conduct extensive testing for susceptibility
|> from on-board and external RFI. An RF anechoic chamber large
|> enough to hold a Semi truck tractor is pretty impressive.
|>

I really have got to get to Dayton one of these years....

|> I've had several cars with microprocessor engine controls, and have
|> not yet experienced troubles with up to 50 watts on 2m, 70cm or 3
|> watts from my cellular phone. The AM/FM receivers have had some
|> intermod problems, however. Occasionally, the FM radio in my Mazda

|> MX6 gets hammered by police radar units when I pass near a cruiser.
|> I get a loud buzz in the speaker as I go by.
|>

My problems with vehicle RFI have been a bit different.

First a overview of my system:

Chev Cavalier 1990 (There is nooooo waayyyy I am going to drill a hole and believe me

when I tell you I am a truly fanatic ham. It is my first car.)

Radio: Kenwood TM-241A 2 Meter rig. Problems only on 50 watts. Same power as Bill.

Antenna: Antenna Specialist, ON GLASS mount, for 2 meters.

Config: DC is taken from the fuse panel. (I know it should be on the battery but it is really tough to attach the leads

to the battery Terminals)

Coax runs from under the AM/FM radio, through the enclosed moulding which runs

up the side of the windshield to the roof, back along the roof (under the roof fabric) to the middle of the back windshield. The antenna is mounted as close to the metal of the roof as possible.

The SWE is around 1.5:1 last time I checked.

PROBLEM: When I use 50 watts:

- The dome light comes on.
- The AM/FM radio generates a load hum. (RF getting in somewhere)
- My "shift up" light comes on.
- On occasion there is a clicking/light_thunking sound from the doors.

(Sounds

similar to when you press the power door lock button when the doors have

already been locked.)

I have tried small chokes at both the antenna and radio ends of the coax. The antenna has

been installed as per instructions, including the little wire strap to the metal of the roof.

No problems with the low and mid power levels.

Thought someone might like to know.

...Jerry VE3XPM

=====

Jerry Everett
Technical Assistance Engineer. Product Support.
Northern Telecom Canada Ltd., 1285 Baseline Road
P.O. Box 3511, Stn. C, Ottawa, Ontario, K1Y 4H7
PHONE: 613-763-9696 FAX: 613-765-4060
INTERNET: JEVERETT @ BNR.CA AMPR: VE3XPM @ VE3JF.#EON.ON.CAN.NOAM
>> All material herein is my own and does not represent the views <<
>> or opinions of Bell Northern Research or Northern Telecom. <<
=====

Date: 7 Jan 93 23:40:17 GMT
From: naucse!navvax.ucc.nau.edu!cvm@arizona.edu
Subject: Ringo Ranger II performance
To: info-hams@ucsd.edu

I am considering replacing my 2 meter J-pole with a Cushcraft Ringo Ranger II.
I am interested in others' experience with the performance of this antenna.
Will I see a real difference over the J-pole? The 5/8 wave J-pole I have is
supposed to have a 2-3 db gain. Cushcraft claims/brags a 7 db gain on their
antenna. Is this accurate or realistic?

Chris Michels -- Systems Programmer cvm@navvax.ucc.nau.edu
Northern Arizona University -- Flagstaff, AZ cvm@navvax.bitnet
Phone: (602) 523-6495 N7YIU

Date: 7 Jan 93 19:16:02 GMT
From: olivea!sgigate!odin!chuck.dallas.sgi.com!adams@ames.arpa
Subject: WWV Phone number?
To: info-hams@ucsd.edu

In article <C0GouC.DAp@iat.holonet.net>, bwilkins@iat.holonet.net (Bob Wilkins
n6fri) writes:

|> rfc@alleggra.att.com (Robert F. Casey) writes:
|> : In article <930106.091519@3Mail.3Com.COM> Peter_Simpson@3mail.3com.COM
writes:
|> : >
|> : >I seem to have misplaced the telephone number for WWV's time
|> : >service. Could some kind person who knows it, please email me
|> : >the number (I seem to remember it's a toll call to Colorado)
|> :
|> : 1-303-499-7111
|> :
|> : Same audio you get on the radio. (least it sounds the same!)

|>
|> Is there a propagation delay via phone line ?
|>
|> --
|> Bob Wilkins n6fri voice 440.250+ 100pl san francisco bay area
|> bwilkins@holonet.net packet n6fri @ w6pw.#nocal.ca.usa.na
|>

there are propagation delays via any medium, by definition. other than
a vacuum, the speed of light is decreased, thus delayed.

phone lines are a nightmare due to not knowing the route the signal
takes. if you need absolute accuracy, then the phone is not the way to go.

73,

chuck k5fo

Date: Thu, 07 Jan 1993 22:16:14 GMT
From: anomaly.sbs.risc.net!root@uunet.uu.net
Subject: Yaesu FT-5100 Help
To: info-hams@ucsd.edu

I just got a new Yaesu FT-5100 and was wondering why in all the ads for
it Yaesu says it has cross-band repeat built in but there's no mention
of it whatsoever. Weird stuff. Anyone know anything about this?

Tony

Date: Thursday, 7 Jan 1993 13:52:39 PST
From: swrinde!zaphod.mps.ohio-state.edu!pacific.mps.ohio-state.edu!linac!unixhub!
slacvm!mgb@network.UCSD.EDU
Subject: Yaesu FT 890AT HF Radio
To: info-hams@ucsd.edu

Does anyone have any information, mods, secrets on the 890AT. I have just
purchased this rig, and would appreciate any help or advice on using it.

Thanks

Michael Barbitta
KD6OAY

End of Info-Hams Digest V93 #34
